FIG. 1

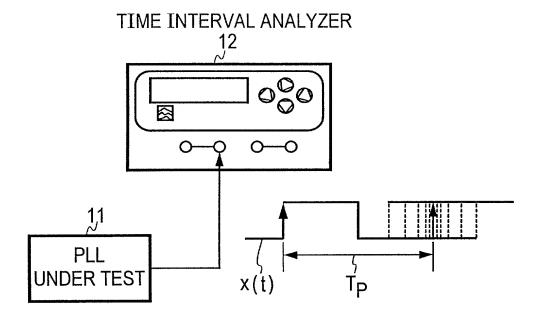


FIG. 2

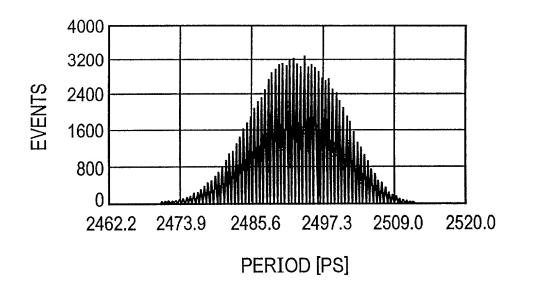


FIG. 3

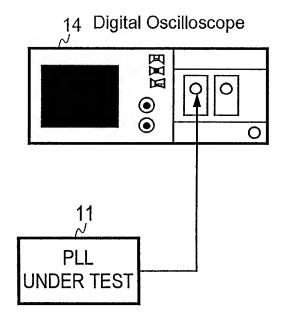


FIG. 4

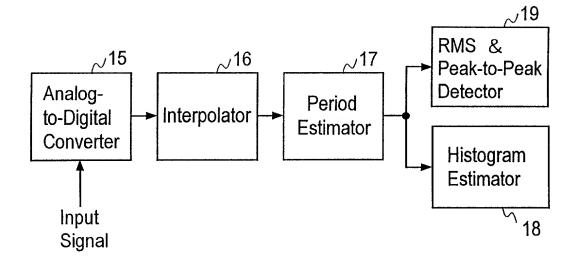


FIG. 5A

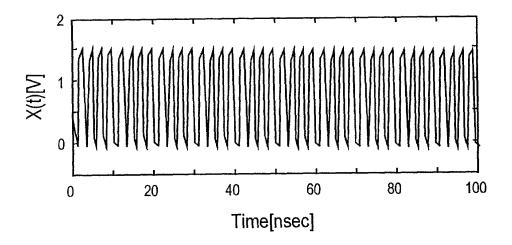
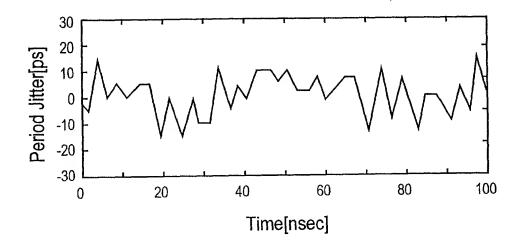


FIG. 5B



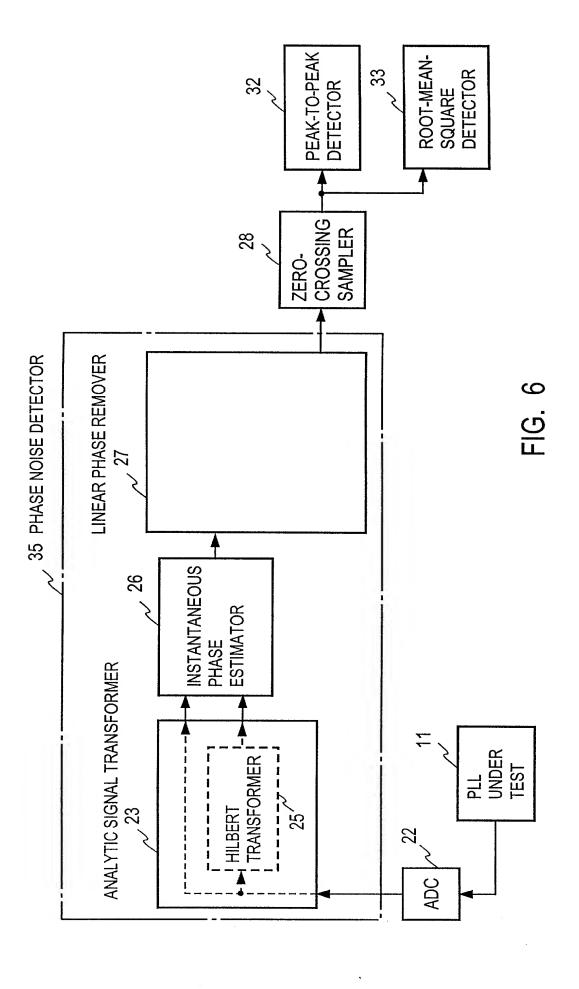
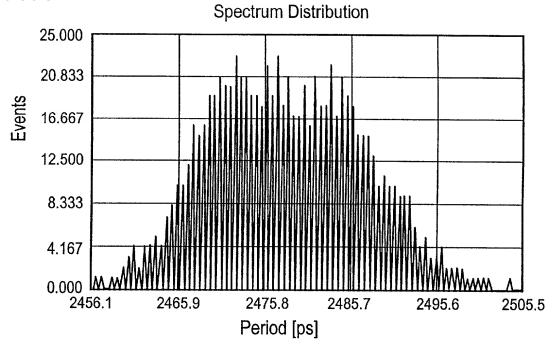


FIG. 7A

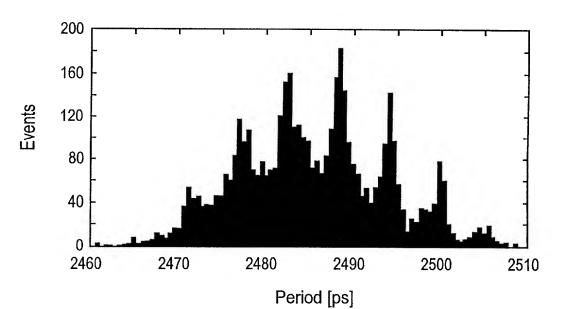


Number of Events: 10,000

RMS Jitter: 7.72 ps

Peak-to-Peak Jitter: 48.2 ps

FIG. 7B



Number of Events: 4,573

RMS Jitter: 8.47 ps

Peak-to-Peak Jitter: 52.0 ps

FIG. 8

- O Zero-Crossing Points
- × Approximated Zero-Crossing Points

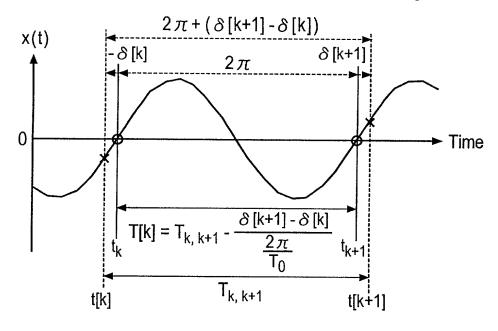


FIG. 9

Method	No. of Events	$J_{RMS}$	$J_{PP}$
Proposed Method Without Jitter Sequence Correction	21,431	2.4535 ps (+0.53%)	8.0029 ps (+15.9%)
Proposed Method with Jitter Sequence Correction	21,431	2.4404 ps (-0.004%)	6.9054 ps (+0.04%)
ldeal Value		2.4405 ps	6.9028 ps

FIG. 10A

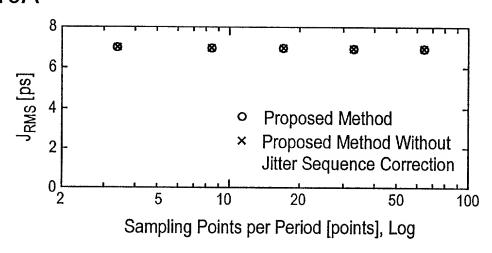


FIG. 10B

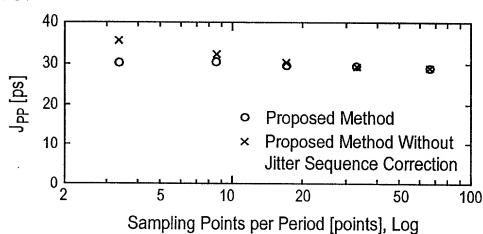


FIG. 11

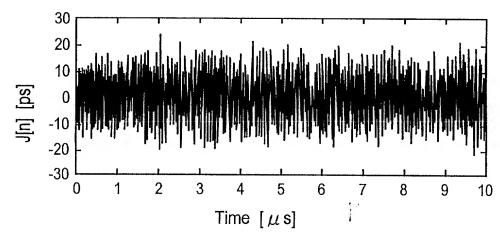


FIG. 12A

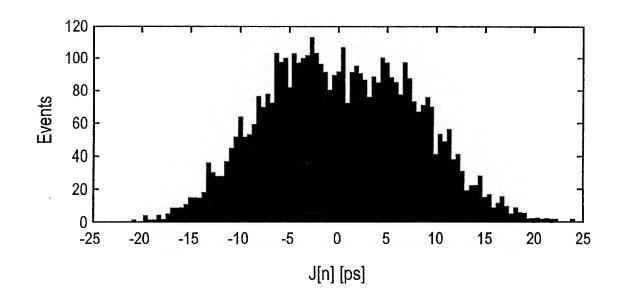


FIG. 12B

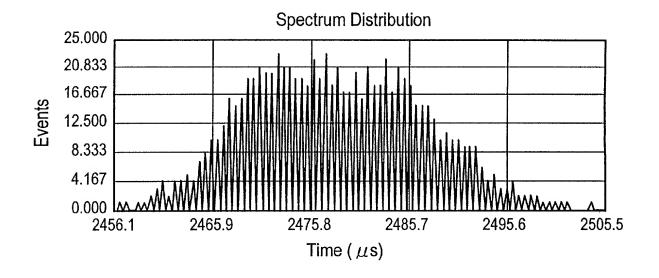


FIG. 13

Method	No. of Events	J <sub>RMS</sub>	$J_{PP}$
Time Interval Analyzer	10,000	7.72 ps	48.2 ps
Proposed Method	4,696	7.49 ps	45.7 ps
Difference	-53 %	-3.0 %	+1.5 %

FIG. 14

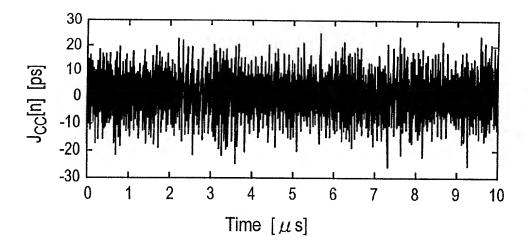


FIG. 15

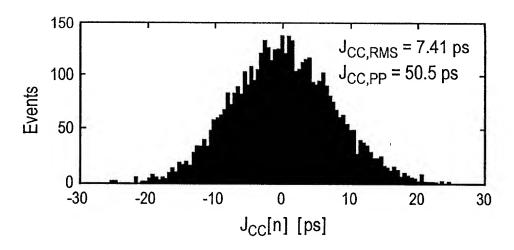


FIG. 16

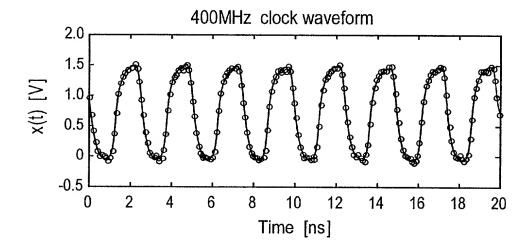


FIG. 17

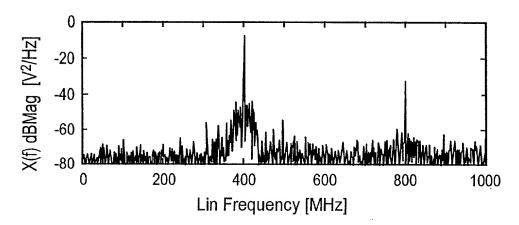


FIG. 18

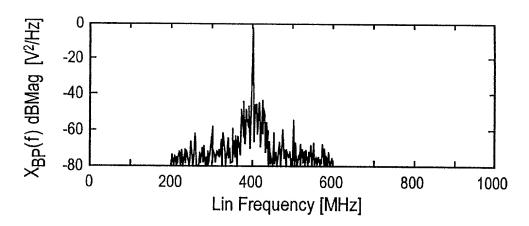


FIG. 19

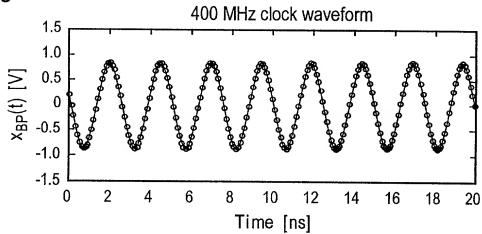


FIG. 20

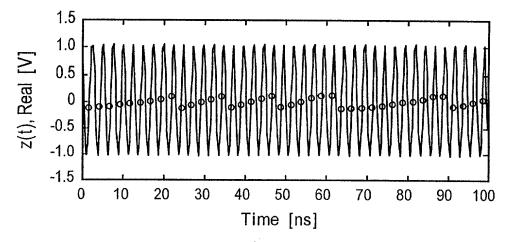


FIG. 21

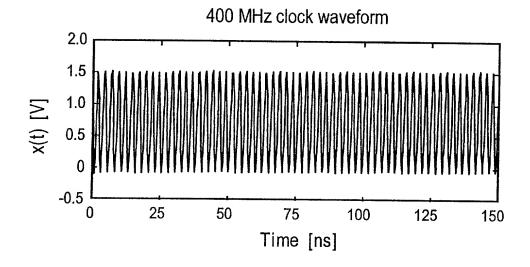
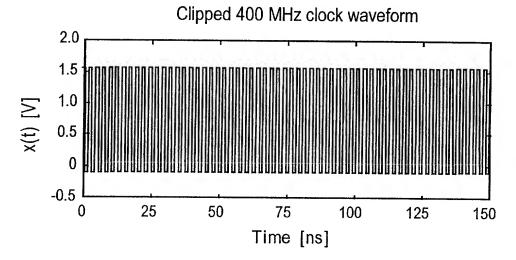


FIG. 22



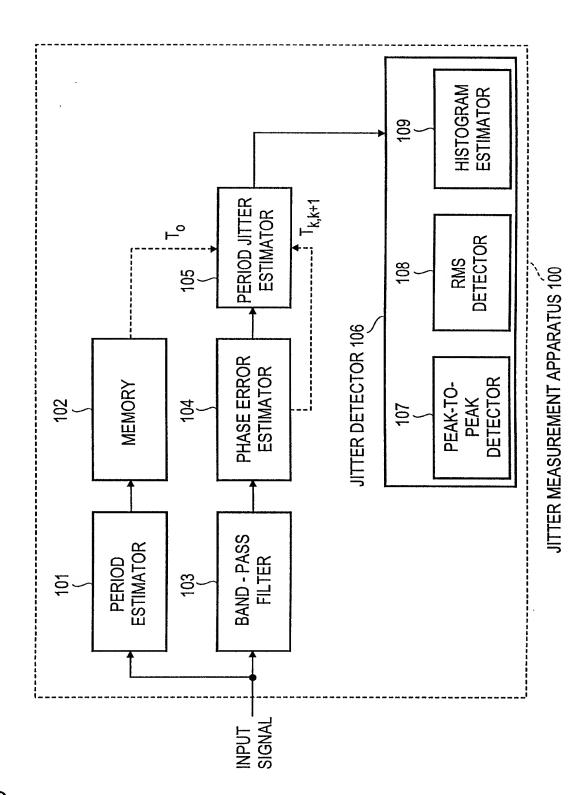
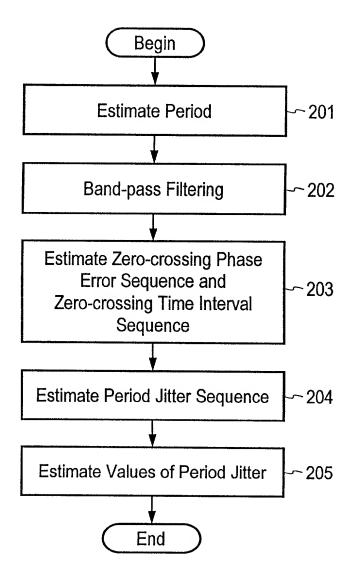


FIG. 24



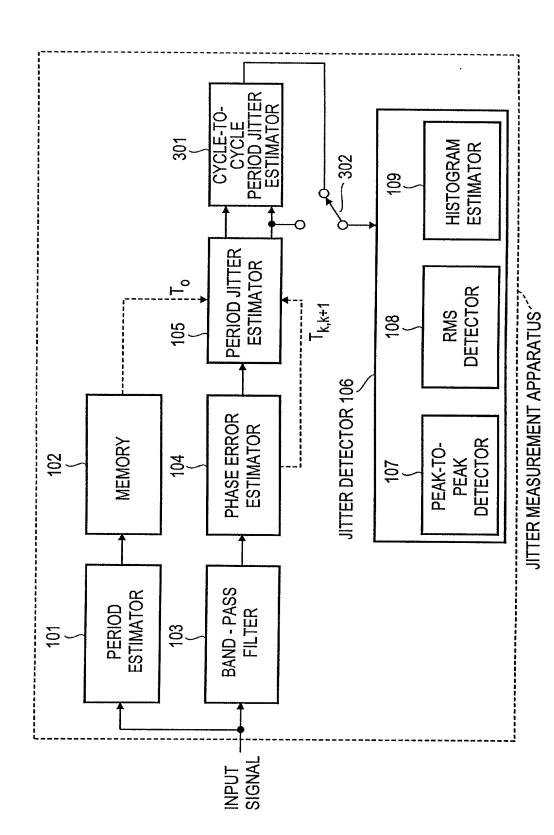


FIG. 26

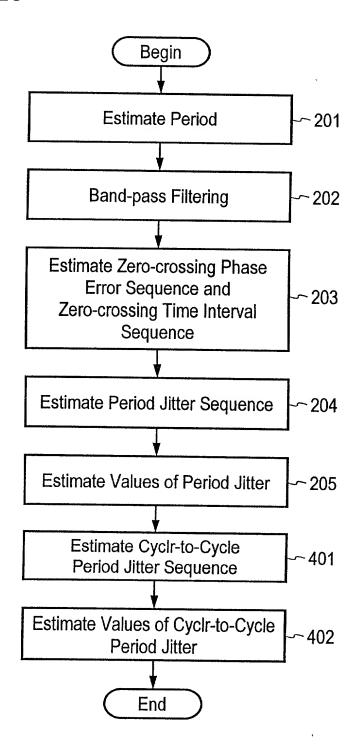


FIG.27

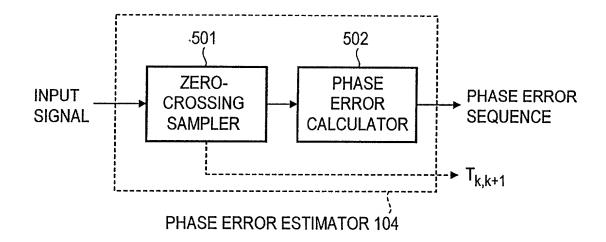


FIG.29

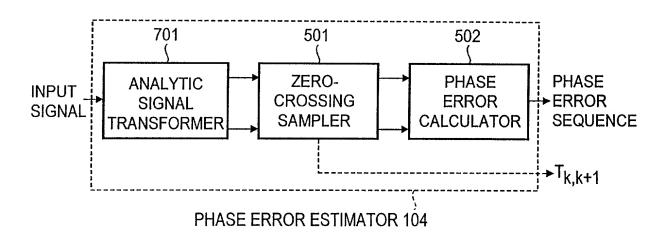


FIG. 28

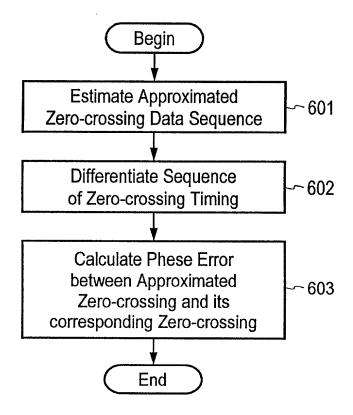


FIG. 30

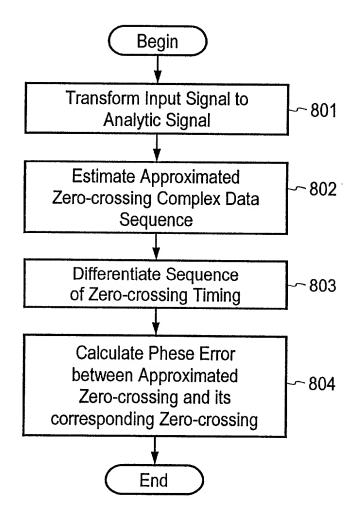
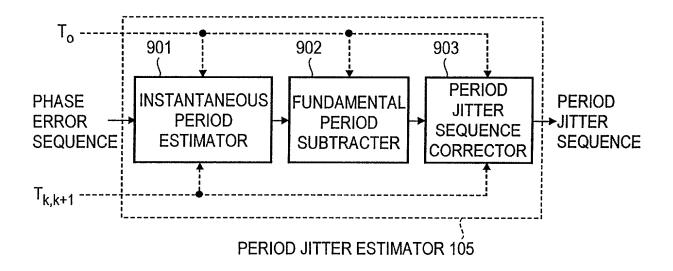


FIG.31



**FIG.33** 

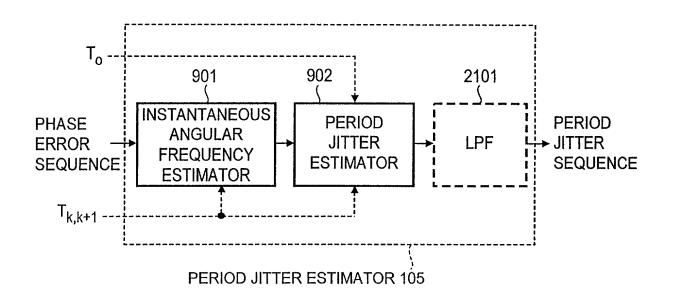


FIG. 32

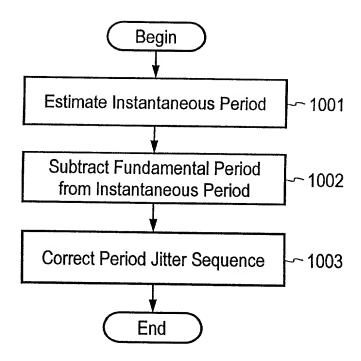


FIG. 34

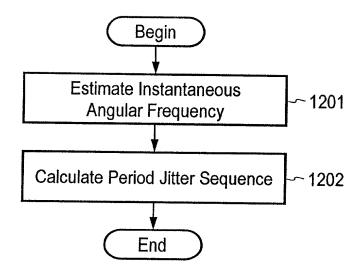


FIG. 42

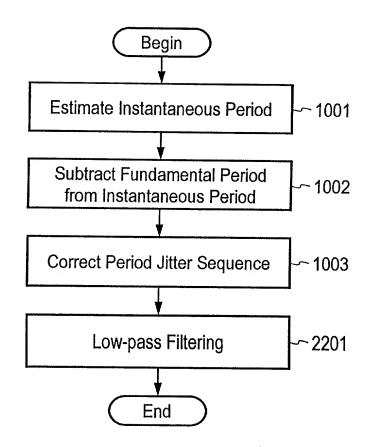


FIG.35

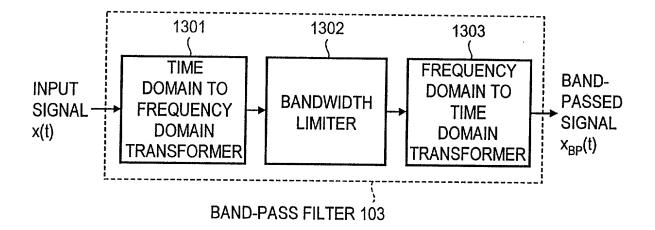
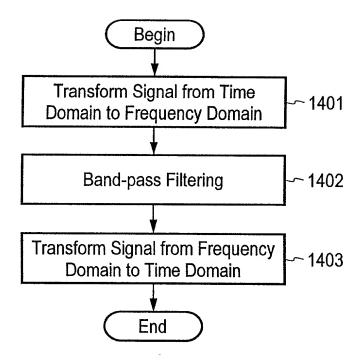


FIG. 36



**FIG.37** 

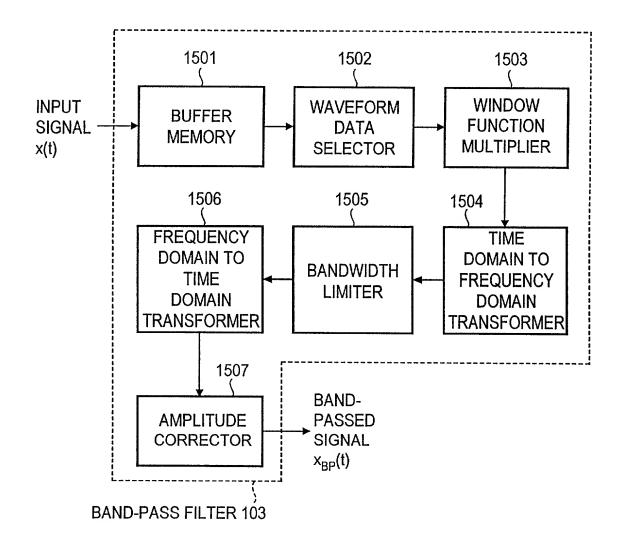


FIG. 38

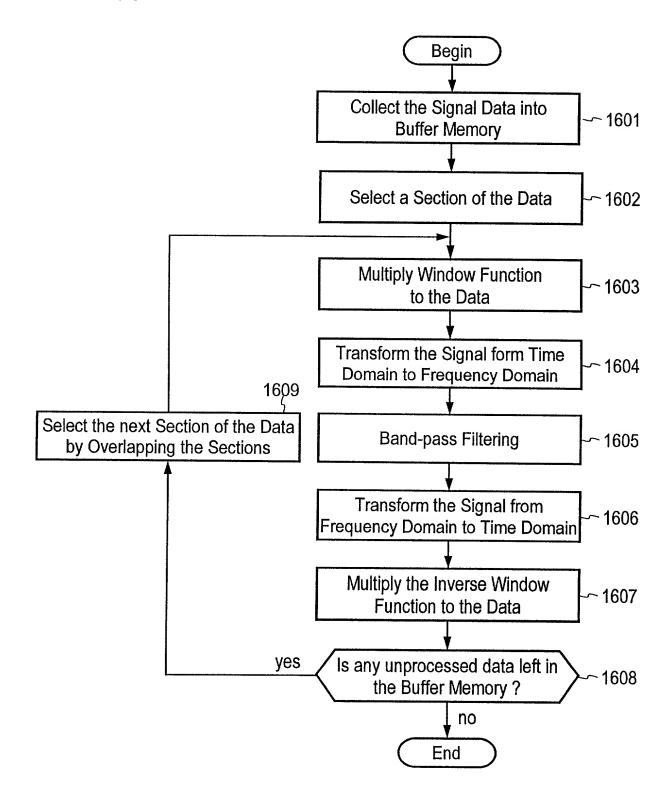
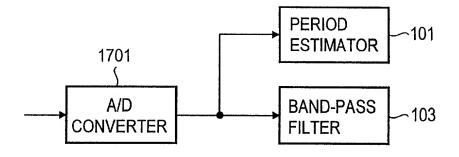


FIG.39A



## FIG.39B

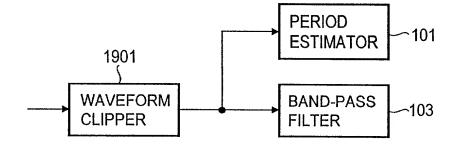


FIG.39C

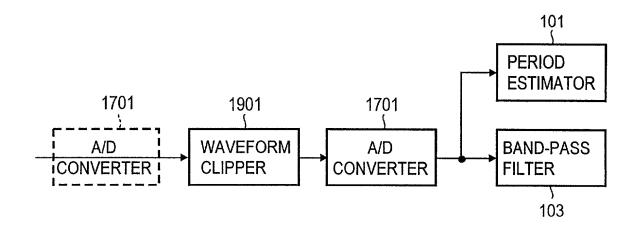


FIG. 40 A

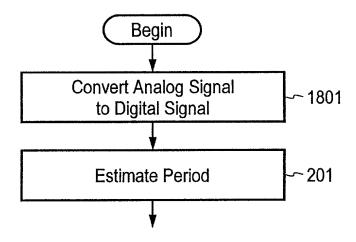


FIG. 40 B

